

Table 3.3 Catch rates of arctic grayling caught by electro-fishing in Kantishna Hills streams, 1982, and average density of aquatic insects, 1984 (Meyer and Kavanagh, 1983, and Oswood, et al. 1990).

Stream or Reach	Number Caught	Distance Sampled (km)	Electrofishing Effort ^c (min)	Catch Rate (number/km) (number/min)		Average Insect Density (no./m ²)
Caribou Creek ^m	1	3.6	27.6	0.3	<0.1	–
Glacier Creek ^m	9	2.9	63.0	3.1	0.1	–
Moose Creek ^m	10	2.2	28.3	4.5	0.4	–
North Fork Moose Creek ^u	31	1.9	30.6	16.3	1.0	–
Eureka Creek ^m	3	2.4	14.6	1.3	0.2	–
Eldorado Creek Below Slate Creek ^m	21	4.6	75.4	4.6	0.3	794
Eldorado Creek Above Slate Creek ^u	20	0.6	12.8	33.3	1.6	40,035
Slate Creek ^m	4	1.7	26.4	2.4	0.2	654
Section 27 Tributary to Eldorado Creek ^u	5	0.4	7.0	12.5	0.7	–
Rainy Creek ^m	3	1.8	16.7	1.7	0.2	–
Jumbo Creek ^u	25	1.4	25.7	17.9	1.0	11,142
Glen Creek ^m	2	5.2	52.1	0.4	<0.1	–
Spruce Creek ^m	10	2.0	21.6	5.0	0.5	–

^uUnmined Stream

^mMined Stream

^cElectrofishing Effort = Duration of Shocker Current Output in Minutes